

### Selected FY2012 International Projects

OFFICE	COUNTRY	TITLE	FOREIGN ORG.	US ORG.
OPAB	OPAB	Overseas Presence Advisory Board		
Waste Processing	Russia	Collaboration on Investigation of Next Generation Melter Technologies with Emphasis on Cold Crucible Induction Melters ( <b>CCIM</b> ) – Automated Control, Modeling, and Innovative Draining Techniques	St. Petersburg State Electrotechnical University (ETU “LETI”)	NuVision
Waste Processing	UK	Development of <b>Cryograb</b> technology for application to sludge removal challenges in tanks with significant obstructions	UK NNL	SRNL NuVision
Waste Processing	UK	<b>Glass Chemistry</b> and Processing Issues – Sulfur Solubility	UK Sheffield Hallam University (SHU)	ORNL SRNL
Soil and Groundwater Remediation	Russia	<b>Mercury</b> Remediation Technology Development for DOE by the Khlopin Radium Institute	V.G. Khlopin Radium Institute (KRI)	ORNL
Soil and Groundwater Remediation	Russia	Fundamental research of contaminant transport processes in geological media to support the development of the Advanced Simulation Capabilities for Environmental Management ( <b>ASCEM</b> ), Phase II	IBRAE RAS	ORNL

<b>Nuclear Materials Disposition</b>	Canada	Collaboration on Development of Improved Techniques for Monitoring and Retrieval of Spent Nuclear Fuel <b>SNF in Extended Storage</b>	AECL	INL
<b>Nuclear Materials Disposition</b>	Sweden	Fuel packaging technologies and methods for long-term <b>storage of SNF</b> spent nuclear fuel	SKB	SRNL
<b>Deactivation and Decommissioning</b>	UK	Advanced Fogging Technologies Demonstration – <b>Misting</b>	UK NNL	INL